

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: D. Brian Ballard

GENERAL INFORMATION:

Name:	Summit Polymers, Inc.
Address:	2201 West Park Road, Elizabethtown, Kentucky
Date application received:	01/26/2007
SIC/Source description:	3089, Plastic Products, Nec
Source ID #:	21-093-00084
Source A.I. #:	38328
Activity #:	APE20070001
Permit number:	F-06-024 (Revision 2)

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
___Administrative	<input type="checkbox"/> Title V
<u>x</u> Minor	<input checked="" type="checkbox"/> Synthetic minor
___Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	2.39	19.11	N/A
VOC	45.48	477.39	90.00
Single HAPs			
Acrylonitrile (CAS No. 107-13-1)	0.115	0.122	N/A
Antimony Compounds	0.0268	0.0186	N/A
Chromium Compounds	0.0269	0.0186	N/A
Dichloromethane (CAS No. 75-09-2)	0.0509	0.7042	
Ethyl Benzene (CAS No. 100-41-4)	0.496	2.95	N/A
Formaldehyde (CAS No. 50-00-0)	0.917	1.60	N/A
Glycol Ether (CAS No. 112-34-5)	6.38	53.66	9.0
Maleic Anhydride (CAS No. 108-31-6)	0.104	0.1616	N/A
Manganese Compounds	0.0332	0.0230	N/A
Nickel Compounds	0.01364	0.0094	N/A
Styrene (CAS No. 100-42-5)	1.63	4.68	N/A
Toluene (CAS No. 108-88-3)	0.0229	0.0037	N/A
Vinyl Chloride (CAS No. 75-01-4)	0.000056	0.0004	N/A
Xylenes (CAS No. 1330-20-7)	0.00121	0.0002	N/A
Source wide HAPs	8.04	63.20	22.5

SOURCE DESCRIPTION:

Summit Polymers Inc. produces plastic automotive interior parts including instrument panel clusters, steering column covers and various other plastic parts. The processes at the facility include injection molding of plastic parts, coating of plastic parts in spray booths with water-based paints and infrared oven drying of coated plastic parts. This minor permit revision addresses the replacement of (1) 350 ton press (Van Dorn 0350-RS-30F-654) with (1) 400 ton press (Van Dorn 400HT 48F 0401). Also addressed with this revision is the replacement of (1) 300 ton press (Van Dorn, unspecified model #) with (1) 170 ton press (Van Dorn 170HT8-1152).

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The facility is subject to emission caps of ninety (90.0) tons per year for VOC, nine (9) tons per year for single HAP and twenty-two and a half (22.5) tons per year for combined HAPS. These emission caps will preclude the applicability of the following regulation: 401 KAR 63:002 (vvv) 40 CFR 63.4480 to 63.4581 (Subpart PPPP), "National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products".